

ACCESSION NR: AT4008698

The starting compounds were *a*, *b*-dibromoethylbenzene, 1, 2-dibromoheptane and 1, 2-dibromononane. After isolation of the yellow to red to brown polymers, they were subjected to infra-red and electron paramagnetic resonance spectroscopy, as well as determinations of the chemical composition, melting point and molecular weight. The polymers which were soluble in benzene had an average molecular weight of about 1000 and a melting point of 260-290C, while the insoluble polymers did not melt even at 400C. The narrow EPR band indicated the presence of paramagnetic particles in the macromolecule. Orig. art. has: 1 figure, 3 tables and 1 structural formula.

ASSOCIATION: Institut neftekhimicheskoy i gazovoy promyshlennosti, Moscow  
(Institute of Petroleum Chemistry and the Gas Industry)

SUBMITTED: 00

DATE ACQ: 16Jan64

ENCL: 00

SUB CODE: OC, MT

NO REF SOV: 007

OTHER: 002

2/2

Card

ACCESSION NR: AT4020712

S/0000/63/000/000/0227/0230

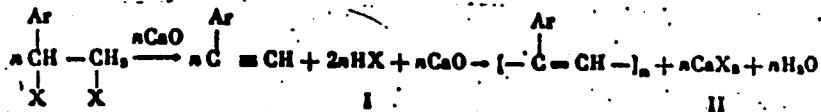
AUTHOR: Paushkin, Ya. M.; Nizova, S. A.; Gayevaya, V. S.

TITLE: Preparation of polyvinylene hydrocarbons by a dehydrogenation-dehalogenation-polymerization reaction

SOURCE: Karbotsepnye vyssokomolekulyarnye soyedineniya (Carbon-chain macromolecular compounds); sbornik statey. Moscow, Izd-vo AN SSSR, 1963, 227-230

TOPIC TAGS: polymerization, polyvinylene, polyvinylene hydrocarbon, polyphenylacetylene, dehydrohalogenation, acryl halide

ABSTRACT: A new method is proposed for the preparation of polyphenylacetylene hydrocarbons in which, in the presence of metallic oxides or hydroxides, acryl halides are dehydrogenated, dehalogenated and polymerized according to the reaction:



where I and II denote the products of dehydrohalogenation and immediate polymerization, respectively. The procedure is described in detail for the preparation, from Card 1/2

ACCESSION NR: AT4020712

dibromoethylbenzene in the presence of CaO at 200°C, of a polymer mixture with a mean molecular weight of 1100 and a polarization factor of 6-16. The infrared spectrum of the polymer shows a 1600 cm<sup>-1</sup> band, characteristic of a double bond. The yield of polyphenylacetylenes reaches 67%. Orig. art. has: 3 tables and 1 graph.

ASSOCIATION: MOSKOVSKIY INSTITUT NEFTEKHIMICHESKOY I GAZOVVOY PROMYSHLENNOSTI IM. I. M. GUBKINA (Moscow Institute for Petroleum Chemistry and the Gas Industry)

SUBMITTED: 09Ju162 DATE ACQ: 20Mar64 ENCL: 00

SUB CODE: GC NO REF Sov: 006 OTHER: 001

Card 2/2

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514520013-0

GAYEVAYA, Z.I.

Gas resistance of trees and shrubs. Nauch. zap. Dnepr. un.  
78:13-18 '62.

Trees and shrubs on industrial sites. (19-27) (MIRA 16:10)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514520013-0"

PA 196T56

USSR/Electricity - Relaying, Protective Conferences Sep 51

"A Conference on Protective Relaying," Yu. A. Gayevenko, Engr.

"Elektrichestvo" No 9, p 90

The 3d Inter-Republic Conference on protective relaying was held in Minsk in Apr. I. A. Syrovarthnikov, Deputy Chief, Tech Adm, Min of Elec. Power Stations, opened the conference with a talk on trends in the development of protection and automatic control in power systems. Engr V.

196T56

USSR/Electricity - Relaying Protective Sep 51  
(Contd)

Ye. Kazanskiy spoke on telemetering by the frequency principle. Engr Ye. D. Sapir reported on the work of the Cen Sci Res Elec Eng Lab in the field of protective relaying and automatic control.

196T56

GRAYEVENKO, Yu. A.

621.310.923.43 : 621.315.051  
4998. - Distance protection of long and heavily loaded  
transmission lines. Yu. A. GRAYEVENKO. Elektricheskoye  
stroitelstvo, 1954, No. 6, 8-13. In Russian.

Simple types of distance relays are suitable for the protection of short transmission lines because the sending-end impedance is > input impedance of the relays in fault conditions. On long and even medium-length lines it is difficult to make the relays independent of loading conditions. A solution is, however, possible using a special type of relay with elliptic characteristic (detector-type) which not only ensures the necessary independence of the sending-end impedance, but also has other favourable characteristics compared with other types of relay. The eccentricity of the elliptic characteristic must not exceed a certain limiting value lest the relay become over-sensitive to transient fault resistances. On the other hand, the latter are smaller in the case of long than of short lines. The full theory of these relays, not yet introduced into transmission practice, is presented.

B. F. KRAUS

Teploelektroproyekt.

GAYEVENKO, Yu. A.

AID P - 1026

Subject : USSR/Electricity

Card 1/1 Pub. 27 - 3/23

Author : Gayevenko, Yu. A., Eng.

Title : New distance relay protection of power transmission lines

Periodical : Elektrichestvo, 11, 16-22, N 1954

Abstract : New designs of control panels for networks with low and with high ground currents are analysed. The application of improved types of relay protection is illustrated with connection diagrams and summarized in tables. Six diagrams, 2 tables.

Institution : Trust for the Planning and Investigation of District Heat and Electric Power Plants, Networks and Substations  
(TEPLOELEKTROPROYEKT)

Submitted : Ag 18, 1954

GAYEVENKO, Yuryi Aleksandrovich; SAVOST'YANOV, A. I., redaktor; LARIONOV, G. Ye., tekhnicheskij redaktor

[New types of long-distance protection for electric transmission lines] Novye tipy distantsionnykh zashchit linii elektroperedach. Moskva, Gos.energ. izd-vo, 1955. 222 p. (MLRA 9:2)  
(Electric lines)

*GAYEVENKO, Yu.A.*

6(2)  
ATTION:  
21721  
PRONODICAL:  
ABSTRACT:  
Eletroitestro, 1959, Nr. 10, pp. 66-67 (msm)

Conference on the Results and Prospects of the Development of Soviet Relay Construction

An All-Union Scientific-technical Conference was held at the Cheboksary from July 7 to 11, 1959. It dealt with the results obtained in relay construction during the last nine years. Participants, the engineers of the power development of relay installations and the protection of electric power installations were utilized. The Conference was attended by representatives of scientific research institutes, planning organizations, of collective special laboratories, planning and construction, of the Sovzudrelenergo (All-Union Main Power of the Chelobokary), Elektropravyavtorg (Chelobokary Plant Grid Electric Department) M. N. Kulygin and M. S. Taffasman reported on the achievements of the plant in the modernization and the development of the highly sensitive and high-speed relays and protective circuits. V. I. Fabrikant, Candidate of Technical Sciences, spoke

Card 1/3

Developments in Foreign Relay Construction. Professor I. A. Chernyavskiy, Doctor of Technical Sciences, spoke about his impressions from a tour to the United States and delivered a report on "The Way of Further Development of Soviet Power Engineering". Engineer V. M. Yermolenco spoke about "The Principles Underlying the Design of Transistorized Automatic Control Circuits Protective Devices". M. I. Zaytsev, Candidate of Technical Sciences, spoke about the work of the VNIIL for the development of power supply units. Ya. M. Savin, Candidate of Technical Sciences, delivered a speech "On the Usefulness of Developing Protective Devices With a Semiconducting Electro-mechanical Element". D. G. Zhuravlev, "Prospects of the Development of Relay Protection With Semiconductors", and others. L. I. Shchabash with semiconductor and power relays. Professor A. I. Vinogradov, Doctor of Technical Sciences, spoke about the prospects of further employment of saturated steels in relay construction. The manufacture of oil- and air circuit-breakers by the Plants "Elektrosvar" and "Spiraleletroapparate" was sharply criticized. The Conference pointed out that automatic frequency- and power controllers,

grouped installations for excitation and power control, modern automatic synchronizers, and automatic regulators for the full automation of static condensers which are indispensable in the provided for in the Soviet manufacturing program.

Card 2/3

Card 3/3

GAYEVENKO, Yuriy Aleksandrovich, inzh. LEVIUSH, A.I., inzh., retsenzent; YAKUBSON, G.G., retsenzent; SAVCHENKO, L.Ya., inzh., red. izd-va; STARODUB, T.A., tekhn. red.

[New transistorized protection relays] *Novye relee zashchity na poluprovodnikakh*. Kiev, Gostekhizdat USSR, 1962. 210 p.  
(MIRA 16:2)

(Electric relays) (Electric protection)

GAYEVENKO, Yu.<sup>4.</sup>

Pulse-time power-directional relay. Avtom. i prib. no.2:67-69  
Ap-Je '63. (MIRA 18:8)

1. Institut avtomatiki Gosplana UkrSSR.

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514520013-0

GAYEVENKO, Yu.A., kand. tekhn. nauk

Voltampere relay. Avtom. i prit. no. 3:42-44 Jl-S '64.  
(MIRA 1833)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514520013-0"

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514520013-0

GAYEVENKO, Yu., kand. tekhn. nauk

Control elements of the circuits of protection and automatic-control  
devices. Avtom. i prib. no.2; 56-59 Ap-Je '65. (MIRA 18:7)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514520013-0"

ACC NR: AP7000319

(A)

SOURCE CODE: UR/0413/66/000/022/0058/0058

INVENTOR: Petrushevskiy, I. N.; Malakhovskiy, Ye. I.; Gayevenko, Yu. A.

ORG: none

TITLE: A protection relay based on semiconductor devices. Class 21, No. 188560.

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 22, 1966, 58

TOPIC TAGS: electronic relay, electronic circuit, transistorized circuit, *transistor*,  
*semiconductor rectifier*

ABSTRACT: An Author Certificate has been issued for a protection relay based on semi-conductor devices. The relay (see Fig. 1) consists of semiconductor rectifiers, a

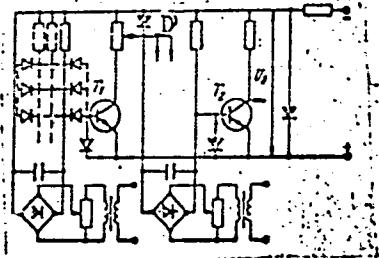


Fig. 1. A protection relay

T<sub>1</sub>, T<sub>2</sub> - Transistors; U<sub>e</sub> - standard voltage;  
D - shunting diode.

Card 1/2

UDC: 621.316.925.2:621.382.2/3

ACC NR: AP7000319

voltage divider, and transistors. Rectified voltage in one of the above circuits is compared with the voltage across a precision resistor. One of the transistors is controlled by the voltage circuit. To obtain a stepwise dependence of the operation current on the voltage across the protected circuit by using a standard voltage, a rectifier in the current circuit is connected to the voltage divider. The voltage is in the collector circuit of the transistor that is controlled by the voltage circuit. One of the voltage divider arms is shunted with a diode. Orig. art. has: 1 figure.

SUB CODE: 09/ SUBM DATE: 17Feb64/

Card 2/2

AKUTIN, G.K. [Akutin, H.K.]; GAYEVENKO, Yu.O. [Haievenko, IU.G.];  
DYACHENKO, M.Ya.; ZHAROV, M.T.; IVANOV, S.K.; KARYUSHIN,  
L.B.; KLODNYTSKIV, I.I. [Klodnyts'kyi, I.I.]; KOBUS, Yu.I.  
[Kebus, IU.I.]; KOZLYU, V.Y. [Kozliuk, V.I.]; KORYTNIKOV,  
V.P.; KOROBKO, M.I.; KOSTOGRIZOV, V.S. [Kostohryzov, V.S.];  
LADIYEV, R.Ya. [Ladiiev, R.IA.]; MARTYNUK, S.F. [Martynink,  
H.F.]; MEL'NIK, P.M.; kand.tekhn.nauk; NAVOL'NEV, S.Ya.  
[Navol'niv, S.IA.]; SIN'KOV, V.M.; SPINU, G.O. [Spynu, H.O.];  
SHOKHMET, L.A.; SHUMILOV, K.A.; KORSAK, Yu.Ye. [Korsak, IU.IB.],  
red.; LAGUTIN, I.A. [Lahutin, I.A.], tekhn.red.

[Automation in industry] Avtomatizatsiia v promyslovosti.  
Kyiv, Derzh.vyd-vo tekhn.lit-ry URSR, 1960. 288 p.

(Automation) (Industrial management)

(MIRA 14:12)

GAYEVICH, K.I. [Haievych, K.I.]; KOVAL', Yu.T., dots.

Use of cancer control measures in Kiyev Province. Ped., akush. i gin.  
19 no.1:48-50 '57.  
(MIRA 13:1)

1. Kiyevskiy obldzdravotdel (zav. - A.P. Movchan, glvanyy akusher-ginekolog - K.I. Gayevich) i ginekologicheskoye otdeleniye (zav. - dots. Yu.T. Koval') Kiyevskogo rentgeno-radiologicheskogo i onkologicheskogo instituta (dir. - prof. I.T. Shevchenko).  
(KIYEV PROVINCE--CANCER)

KALASHNIKOV, Anatoliy Mikhaylovich, mayor; STEPUK, Yakov Vasil'yevich,  
podpolkovnik; LEVICHEN, V.O., mayor; GAYEVICH, V.N., inzh.-  
podpolkovnik, obshchiiy red.; TIKHONOV, S.M., inzh.-polkovnik,  
red.; SOKOLOVA, G.P., tekhn.red.

[Principles of radio engineering and radar] Osnovy radio-  
tekhniki i radiotekhniki. Moskva, Voen.izd-vo M-va obor.  
SSSR. Vol. 1. [Oscillation systems] Kolebatel'nye sistemy.  
1959. 354 p. (MIRA 12:6)

(Radar) (Radio)

GAYEVICH, Vadim Nikolayevich; KALASHNIKOV, Anatoliy Mikhaylovich;  
CHISTYAKOV, N.I., red.; PODGUZOV, M.I., inzhener-mayor, red.;  
STREL'NIKOVA, M.A., tekhn.red.

[Radio engineering; training aid for enlisted men] Radiotekhnika;  
uchebnoe posobie dlja soldat i serzhantov. Moskva, Voen.izd-vo  
M-va obor.SSSR, 1959. 367 p. (MIRA 13:1)  
(Radio)

KALASHNIKOV, Anatoliy Mikhaylovich, mayer; SLUTSKIY, Veniamin  
Zakharovich; FOGEL'SON, B.I.; MUNVEZ-FRENNEL', I.Z.; GAYEVICH,  
V.N., inzh.-pedpelkovnik, obshchiy red.; TIMOSHONOV, S.M., inzh.-  
pelkovnik, red.; SOKOLOVA, G.P., tekhn.red.

[Principles of radio engineering and radar] Osnovy radiotekhniki  
i radiotekhnicheskoi elektroniki. Moskva, Voen.izd-vo M-va obor. SSSR. Vol.2.  
1959. 375 p. (MIRA 12:6)

(Radar) (Radio)

KALASHNIKOV, Anatoliy Mikhaylovich; STEPUK, Yakov Vasil'yevich;  
GAYEVICH, V.N., red.; TIKHONOV, S.N., inzh.-polkovnik,  
red.; KOKINA, N.N., tekhn. red.

[Fundamentals of radio engineering and radar; oscillatory  
systems]Osnovy radiotekhniki i radiolokatski; kolebatel'-  
nye sistemy. Izd.2., perer. Moskva, Voenizdat, 1962.  
365 p. (MIRA 15:11)

(Radio) (Radar)

KALASHNIKOV, Anatoliy Mikhaylovich; SIUTSKIY, Veniamin Zakharovich;  
Prinimali uchastiye: FOGEL'SON, B.I.; MUNVEZ-FRENKEL, I.Z.,  
GAYEVICH, V.N., red.; TIKHOMOV, S.N., inzh.-polkovnik, red.;  
KOKINA, N.N., tekhn. red.

[Principles of radar and radio engineering; vacuum-tube  
devices and pulse techniques] Osnovy radiotekhniki i radio-  
lokatssi; elektrovakuumnye pribory i impul'snaya tekhnika.  
Izd.2., perer. Moskva, Voenizdat, 1962. 385 p.

(MIRA 15:10)

(Radio) (Radar) (Pulse techniques (Electronics))

GAYEVIK, D.T.

Acid, iodine, and saponification number for State Standard  
transmission oils. Neft. i gaz. prom. no. 2:57-59 Ap-Je '64.  
(MIRA 17:9)

L 28957-66 EWT(m)/T/EWP(t)/ETI IJP(c) JD/WB/DJ

SACC NR: AP6019086

SCURCE CODE: UR/02.52/65/000/007/0063/0065

AUTHOR: Gayevik, D. T.

ORG: Ivan Franko Branch, L'vov Polytechnic Institute (Ivano-Frankovskiy filial  
L'vovskogo politekhnicheskogo instituta)TITLE: Corrosion properties of certain lubricating greases and highly viscous  
residual and distillate oils

SOURCE: IVUZ. Neft' i gaz, no. 7, 1965, 63-65

TOPIC TAGS: lubricating oil, lubricant viscosity, grease, corrosion, friction,  
general purpose truck, pump/NP-2 pump, GAZ-51 general purpose truck, ZIL-150 general  
purpose truck

ABSTRACT: Data is presented on the results of external examination of the parts of friction assemblies and steel sheets in the testing of oils and greases for corrosion under laboratory and bench conditions. Under these conditions the parts were protected with a thin film of grease 0.4 - 0.5 mm thick in an unheated production room on shelves, and some — on friction assemblies of a bench installation, 2 NP-2 pumps and trucks — two of the GAZ-51 type and two of the ZIL-150, sent to be tested for two months (from 2 November to 2 January). The average ambient temperature in the 2 November to 2 January period averaged - 3.4°C, and from 2 January to 2 March -- -9.6°C, and from 2 March to 2 May -- + 8.2°C. Lubrication of friction

Card 1/2

L 28957-66

ACC NR: AP6019036

parts with high viscosity oils in place of expensive soft greases led to increased service life and reliability of performance of machines, mechanisms, and instruments; improved performance of the lubricated equipment and reduced idling time and the number of cases of maladjustment. Orig. art. has: 1 figure and 2 tables. [JPRS]

SUB CODE: 11, 13 / SUBM DATE: 21Oct64 / ORIG REF: 016

Card 2/2 BLG

GAYEVOY, A.; BODROVA, A., redaktor; LAPCHENKO, K., tekhnicheskij redaktor

[More metal for the motherland: work practices of the Party organization in Zaporozh'ye Province] Bol'she metalla rodnoi strane; iz opyta raboty partorganizatsii Zaporozhskoi oblasti. Kiev, Gos.izd-vo polit.lit-ry USSR, 1957. 81 p. (MIRA 10:6)

1. Pervyy sekretar' Zaporozhskogo obkoma partii (for Gayevoy)  
(Zaporozh'ye Province--Communist party of the Soviet Union--Party work)  
(Steel industry)

GAYEVOY, A., insh.

Make wider use of industrial wastes. Zhil.stroi. no.10:7  
'59. (MIRA 13:2)  
(Kharov—Building materials) (Industrial wastes)

GAYEVOY, A.

Erection of a large foundation under an existing shop. Prom.  
stroi.i inzh.soor. 4 no.1:53-54 Ja-F '62. (MIRA 15:8)

1. Machal'nik etdela kapital'nogo stroitel'stva Khar'kovskogo  
stankostroitel'nogo zavoda.  
(Foundations)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514520013-0

GAYEVOY, A., inzh.

Jig for installing removable anchor bolts. Stroitel' 8 no.5:28-29  
My '62. (MIRA 15:7)  
(Jigs and fixtures) (Concrete reinforcement)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514520013-0"

GAYEVOY, A.

Joints of single-stage reinforced concrete columns with their foundations; efficiency of various types of jigs for bringing columns to the planned position. Prom. stroi. i inzh. soor. 4 no.1:20-26 Ja-F '63.

(MIRA 16:3)

(Columns, Concrete)

(Jigs and fixtures)

GAYEVSKI, A.

Joints of multistory reinforced concrete columns; effectiveness  
of various types of jigs for bringing columns into the planned  
position. Prom. strci. i inzh. soor. 5 no.3:44-51 My-Je '63.  
(MIRA 16:7)

(Columns—Concrete)

(Building—Details)

SEKT, P.Ye.; TESLENKO, F.F.; GAYCOV, A.A.; GIMEL'SHTEYN, T.Ye.; YEGOROV,  
K.N.; LITVINENKO, M.S.

Revision of the existing prices of coke chemicals and coke-oven gas.  
Koks i khim. no.2:47-50 '61. (MIRA 14:2)

1. Khar'kovskiy inzhenerno-ekonomicheskiy institut (for Sekt, Teslenko).
2. Giprokok (for Gaycov, Gimel'shteyn, Yegorov). 3. Khar'kovskiy  
nauchno-issledovatel'skiy uglekhimicheskiy institut (for Litvinenko).  
(Coke industry—By-products) (Chemicals—Prices)  
(Coke-oven gas—Prices)

14(2)

SOV/100-59-5-13/14

AUTHOR: Gayevoy, A.F., Engineer

TITLE: Frame for Assembly of Cover Plates

PERIODICAL: Mekhanizatsiya stroitel'stva, 1959, Nr 5, p 30 (USSR)

ABSTRACT: The article describes the utilization of a frame made from angle iron and fitted with a series of 12 chain ends with hooks, permitting to attach 6 cover plates made of reinforced foamy concrete to be hoisted simultaneously by crane for assembly of a building of the Khar'kovskiy stankostroitel'nyy zavod (Khar'kov Machine-Tool Building Plant).  
There are 2 photos.

Card 1/1

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514520013-0

GAYEVOY, A.F., inzh. (Khar'kov)

The accident could have been avoided. Prom.stroi. 37 no.12:54  
D '59. (MIRA 13:4)  
(Building--Accidents)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514520013-0"

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514520013-0

BORT, G.I., inzh.; GAYEVOY, A.F., inzh.; KHOKHLOV, A.I., inzh.

Concrete placer. Mekh. stroiki 20 no.4:25-26 Ap '63. (MIRA 16:3)  
(Concrete construction—Equipment and supplies)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514520013-0"

BORT, G.I., inzh.; GAYEVOY, A.F., inzh.; MATOKHIN, V.P., kand.tekhn.nauk;  
SMIRNOV, A.M., kand.tekhn.nauk

Assembly-line erection of the frame of a forge shop made of precast  
reinforced concrete elements. Prom. stroi. 40 [i.e. 41.] no.3:  
2-5 Mr '63. (MIRA 16:3)

(Precast concrete construction)  
(Kharkov--Forge shops--Design and construction)

GAYELOV, N.

GAYELOV, N. inzhener.

Unbraced forms for reinforced concrete silo floors. Muk.elev.prom.  
23 no.9:14-15 S '57. (MIRA 10:11)

1. Yuzhelevatormel'stroy.  
(Grain elevators) (Reinforced concrete construction)

GA'VEY, N.

Installing cable hoists for concrete work in enlarging elevator  
silos. Muk. elev. prom. 23 no. 12:21-22 D '57. (MIRA 11:2)

1. Vuzhelevatornaya stroy.  
(Hoisting machinery) (Grain elevators)

GAYNOV, N., inzh.

Folding cage for working inside elevator silos. Mukh.-elev. prom.  
24 no. 4:28 Ap '58. (MIRA 11:5)

1. Trest Yushelevatormel'stroy.  
(Grain elevators)

GAYBOY, N.

Suggestions of builders for greater efficiency. Muk. elev. prom. 24  
no. 11:13-14 N '58. (MIRA 11:12)

1. Yuzhelevatmels'troy.  
(Grain elevators)

S/0286/64/000/011/0085/0085

ACCESSION NO: AP4040662

AUTHOR: Krasutskiy, V. P.; Bulavenko, N. F.; Grigor'yev, D. Ye.; Gayevoy, P. I.; Kozlov, V. N.; Degurko, I. A.

TITLE: A programming mechanism for dropping loads from aircraft. Class 62, No. 163061

SOURCE: Byul. izobr. i tovar. znakov, no. 11, 1964, 85

TOPIC TAGS: aircraft, airplane, programmed airdrop, automatic cargo release, programmed load release, preset load release, airdrop, bomb bay

ABSTRACT: This author's certificate introduces a programming mechanism for dropping loads from aircraft. The device contains a countershaft located in the housing of the mechanism with cams and a position adjuster, and a terminal circuit breaker unit. In order to feed electrical signals according to preset programs to the terminal circuit breakers for dropping the containers in various patterns are connected through the countershaft cams with the terminal circuit breakers for dropping and blocking the load containers. The countershaft is connected with a by-pass clutch and a control

1/3

Card

ACCESSION NO: AP4040662

pedal for engagement and rotation of the shaft and through a two-step worm transmission speed reducer with an electric motor for rotation of the shaft at a previously set speed which assures a time delay for dropping off the loads.

ASSOCIATION: none

SUBMITTED: 15 May 63

DATE ACQ: 25 Jun 64

ENCL: 01

SUB CODE: IB, AC

NO REP Sov: 000

OTHER: 000

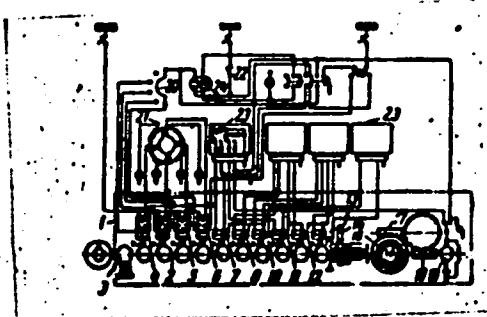
Card

2/3

ACCESSION NO: AP4040662

ENCLOSURE: 01

1--mechanism housing; 2--camshaft; 3--position adjuster; 4-13--terminal circuit breakers; 14--control pedal; 15--control pedal return spring; 16--by-pass clutch; 17--first worm transmission of the speed reducer; 18--second worm transmission of the speed reducer; 19-- electric motor; 20--unit for setting the drop pattern; 21-- signaler for the presence of the loads; 22--power supply circuit breaker; 23--terminal parachute holder units; 24--emergency load release button



Card

3/3

GAYEVOY, T.V.

The foreman exercises his rights. Sots.trud.no.3:91-93 Mr '56.  
(MIRA 9:7)

1.Machal'nik Poltavskogo parovozoremontnogo zavoda, deputat Verkhovnogo  
Soveta SSSR.  
(Poltava--Locomotives--Repairs) (Workshops)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514520013-0

GAYEVOY, T.V.

Experience of the Poltava Plant in changing over to the seven-hour working day. Zhel.dor.transp. 41 no.6:66-68 Je '59.  
(MIRA 12:9)

(Poltava--Railroads--Repair shops)  
(Poltava--Hours of labor)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514520013-0"

GAYEOVY, T.V.; KUZIN, A.I.; ASNIS, A.Ye.; FED'KO, I.V.

Use of electric slag welding for the repair of locomotive  
plate frames. Ayton. svar. 14 no.11:42-46 N '61.

(MIRA 14:10)

1. Poltavskiy parovozoremontnyy zavod (for Gayevoy, Kuzin).
2. Ordona Trudovogo Krasnogo Znameni institut elektrosvarki  
imeni Ye. S. Patona AN USSR.  
(Loccmotives-Maintonance and repair)  
(Electric welding)

GAYEVOY, T.V.; KUZIN, A.I.; ASNIS, A.Ye.; GUTMAN, L.M.

Welding up cracks in locomotive wheels by the electric slag method. Avtom. svar. 16 no.12:73-78 D '63.

(MIRA 17:1)

1. Poltavskiy parovozoremontnyy zavid (for Gayevoy, Kuzin).
2. Institut elektrosvarki imeni Patona AN UkrSSR (for Asnis, Gutman).

S/064/60/000/03/19/022  
B010/B008

AUTHORS: Strunkin, M. G., Gayevov, V. I.

TITLE: Improvement of the Pneumatic Regulation Valve of the  
Type PRK(PRK)

PERIODICAL: Khimicheskaya promyshlennost', 1960, No. 3, pp. 260-261

TEXT: An improvement of the pneumatic regulation valves of the types "PK-2-6 (PRK-2-6), " ("VO") and "B3" ("VZ") is suggested in order that they may also be used for the regulation of smaller amounts of gas or for cutting off the gas flow. The alterations which are schematically shown in Figs. 1 and 2 consist, in principle, of the following: The point of the valve needle is built as a cone (instead of bilaterally tapered), the diameter of the upper part being reduced. The valve seat is detachable, and a gasket of synthetic material is fitted, so that the valve needle can be pressed tightly to the valve seat and the gas flow can be cut off completely. The stuffing box is slightly altered, the housing being elongated and the base box built as a hollow cylinder. There are 2 figures. ✓C

Card 1/1

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514520013-0

GAYEVOY, Ye., kand.sel'skokhoz.nauk

Preliminary handling of rabbit pelts. Mias.ind.SSSR 31  
no.5:19-22 '60. (MIRA 13:9)  
(Rabbits) (Hides and skins)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514520013-0"

GAYEVOY, Ye., kand.sel'skokhoz.nauk; ANFIMOV, A., kand.tekhn.nauk [deceased]

Reactivation of hide-brining liquors and of spent salt. Mias.ind.  
SSSR 31 no.6:12-14 '60. (MIRA 13:12)  
(Hides and skins) (Brines)

GAYEVOY, Ye, kand.sel'skokhozyaystvennykh nauk

Mechanized production line for the sanitary processing and preserving  
of hides (from "The National Provisioner," Jan. 1958, Sept. 1959,  
March 1960). Minind.SSSR 32 no.2:61-62 '61. (MIRA 14:7)  
(United States—Hides and skins)

GAYEVOY, Ye.; GORBATOV, V.

Introduction of advanced methods for the processing of raw  
hides. Mias. ind. SSSR 32 no.4:20-21 '61. (MIRA 14:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy  
promyshlennosti.  
(Hides and skins)

PANYUKIN, I.I., kand.tekhn.nauk [deceased]; GAYEVOY, Ye.V., kand.  
sel'skokhoz.nauk; MASHKOV, A.N., kand.sel'skokhoz.nauk

Processing of sheep pelts preserved with formaldehyde  
hyposulfite solutions. Kosh.-obuv.prom. 4 no.12:22-24 D '62.

(MIRA 16:1)

(Fur)

GAYEVOY, Ye., kand. sel'skokhozyaystv nauk; RODIN, V.

Calculating the weight losses of salted hides. Mias ind SSSR  
34 no. 6:15-17 '63. (MIRA 17:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy promyshlennosti.

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514520013-0

GAYEVOY, Ye.

Improving the technology and mechanization of production processes.  
Mias.ind. SSSR 33 no.3:17 '62. (MIRA 15:7)  
(Meat industry—Research)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514520013-0"

BRYUZGINA, G.; GAYEVOY, Ye., kand.sel'skokhoz.nauk; DINARIYEVA, G.; RADKEVICH,D.;  
TRUDOLYUBOVA, Ye.; MASHKOV, V., kand.sel'skokhoz.nauk; PANYUKIN, I.,  
kand.tekhn.nauk. [deceased]

New methods of preservation of fur and garment sheep pelts and  
mechanization of their processing. Mias.ind.SSSR 33 no.5:15-21 '62.  
(MIRA 15:12)

1. Vesoyuznyy nauchno-issledovatel'skiy institut myasnoy promyshlennosti  
(for Bryuzgina, Gayevoy, Dinariyeva, Radkevich, Trudolyubova). 2. Nauchno-  
issledovatel'skiy institut mekhovoy promyshlennosti (for Mashkov, Panyukin).  
(Hides and skins) (Assembly-line methods)

GAYEVOY, Ye., kand.sel'skokhoz.nauk

Intensification and mechanization of the operations for the  
preservation of raw leather. Mias.ind.SSSR 33 no.5:10-15 '62.

(MIRA 15:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy promyshlennosti.  
(Hides and skins—Preservation) (Assembly-line methods)

GAYEOVY, Ye.V.; GOL'TSEVA, Z.V.; FENDRIKOVA, L.S.; VORONINA,  
V.P.

[Production of endocrine and enzymatic preparations in  
Hungary and Czechoslovakia] Proizvodstvo endokrinnykh i  
fermentnykh preparatov v Vengii i Chekhoslovakii. Mo-  
skva, Tsentr. in-t nauchno-tekhn. informatsii pishchevoi  
promyshl., 1963. 47 p.  
(MIRA 17:5)

GAYEVOY, Ye.V.; OCHAKOVSKY, V.S.; TARASOVA, G.T.

[Industrial processing of rabbits] Promyshlennaia pe-  
rerabotka krolikov. Moskva, TSentr. in-t nauchno-tekhnn.  
informatsii pishchevoi promyshl., 1964. 53 p.  
(MIRA 17:12)

GAYEVOY, Ye.V., kand. sel'khoz. nauk; BARMAN, A.I., kand. tekhn.  
nauk; VOYNOVA, P.A., st. nauchn. sotr.; LAVROVA, L.P.,  
LIBERMAN, S.G., kand. tekhn. nauk

[New developments in the technology of meat and meat  
products] Novoe v tekhnologii miasa i miasoproduktov;  
uchebnoe posobie. [By] E.V.Gaevoi i dr. Moskva, Vses.  
zaochnyi tekhnikum miasnoi i molodzhnoi promyshl., 1963.  
(MIRA 17:4)  
122 p.

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy  
promyshlennost..

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514520013-0

GAYEVOY, Ye.V.

Let us resume the manufacture of mouflon fur. Leg.prom.15  
no.8:10-12 Ag '55. (MLRA 8:10)  
(Fur)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514520013-0"

GAYEVOY, Ye. V.

Gayevoy, Ye. V. - "The Structure and Variability of the Skin and Wool Covering of Goats, and the Commercial Qualities of Goatskins." Min Higher Education USSR. Moscow Veterinary Academy. Chair of the Commercial and Technical Aspects of Animal Raw Materials. Moscow, 1956 (Dissertation for the Degree of Candidate in Agricultural Sciences).

So: Knizhnaya Letopis', No. 10, 1956, pp 116-127

GAYEVOY, Ye.V.

Classification of chrome leathers made of goatskin, Log.PROM.  
16 no.5:33-36 My '56. (MIRA 9:8)  
(Hides and skins--Standards) (Leather industry)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514520013-0

GAYEVOY, Yevgenii Vasil'yevich; KHLUDEYEV, Konstantin Dmitriyevich

[Histology of the skin of mammals] Gistologija kozhnogo pokrova  
mlekopitaishchikh. Moskva, TSentrossoiuz, 1957. 101 p. (MIRA 11:4)  
(Skin)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514520013-0"

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514520013-0

GAYEVOY, Ye. V.

Preparing sets of goatskin for industrial supplies. Reg. prom. 17  
no. 5:10-11 My '57. (MLRA 10:6)  
(Hides and skins)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514520013-0"

GAYEVOY, Ye.V.; MASHKOV, A.N.

Commercial properties of Angora-type goatskin and experience in  
its use for the production of leather and fur. Leg.prom. 17 no.6:  
15-17 Je '57. (MLRA 10:8)  
(Hides and skins) (Goats)

GAYEVOY, Ye. V.

Producing glove leather from small kid skins. Leg. prom. 17 no.12:  
8-9 D '57. (MIRA 11:1)  
(Leather industry)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514520013-0

GAYEVOY, Ye.V.

Making velour kid of very large goatskins. Leg. prom. 18 no.8:35  
Ag '58. (MIRA 11:9)  
(Leather)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514520013-0"

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514520013-0

PAVLOVA, Ye.A., kand. sel'skokhozyaystvennykh nauk; GAYEOY, Ye.V., kand.  
sel'skokhozyaystvennykh nauk

Problems in the standardization of leather and fur raw materials.  
Leg.prom. 18 no.10:19-21 O '58. (MIRA 11:11)  
(Hides and skins--Standards)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514520013-0"

28(3)

SOV/28-59-4-6/19

AUTHORS: Pavlova, Ye.A., and Gayevoy, Ye. V., Candidates of Agricultural Sciences.

TITLE: Standardization of Raw Fur and Leather (Standartizatsiya pushno-mekhovogo i kozhevennogo syr'ya)

PERIODICAL: Standartizatsiya, 1959, Nr 4, pp 18-20 (USSR)

ABSTRACT: The existing standards for raw furs and leather are too many, too cumbersome and complex, lacking unity in specification of defects. The authors list the deficiencies of the existing standards and suggest amendments. It is mentioned that the Vsesoyuznyy nauchno-issledovatel'skiy institut zhivotnogo syr'ya i pushniny Tsentrrosoyusa SSSR, VNIIZhP (All-Union Scientific Research Institute for Animal Raw Stuffs and Furs, of the Tsentrrosoyuz of the USSR) is setting up new standards. The authors think that this work cannot be done without the participation of experienced specialists of factories and purveyance.

Card 1/1

GAYEVOY, Ye., kand.sel'skokhos.nauk; ANFIMOV, A., kand.tekhn.nauk

Consultation. Min.sind.SSSR 30 no.2:51-52 '59.  
(MIRA 13:4)  
(Hides and skins)

ANFIMOV, A., kand. tekhn. nauk; GAYEVOY, Ye., kand. sel'skokhozyaystvennykh  
nauk

Grading of raw cattle and sheep skins in packing houses.  
Mias. ind. SSSR. 30 no.4:16-17 '59. (MIRA 12:12)  
(Hides and skins)

GAYEVOY, Ye. V.

Qualitative indices of the various types of goatskin leather.  
Kozh.-obuv.prom. 3 no.3:5-8 Mr '61. (MIRA 14:6)  
(Leather)

GAYEVOY, Ye.V., kamd.sel'skokhoz. nauk

Effect of certain factors on the conservation of cattle hides.  
Trudy VNIIMP no.14:48-52 '62. (MIRA 16:8)  
(Hides and skins)

BABAKINA, V.G.; METELKIN, A.I.; SUCHKOV, V.G.; GAYEVOY, Ye.V.; ASLANOV, V.G.

Method of raw leather preservation; Soviet Certificate of Inventions  
No.141575. Kozh.-obuv.prom. 4 no.8:42 Ag '62. (MIRA 15:8)  
(Leather industry--Technological innovations)

PANYUKIN, I.I., kand.tekhn.nauk [deceased]; GAYEVOY, Ye.V., kand.  
sel'skokhoz.nauk; MASHKOV, A.N., kand.sel'skokhoz.nauk

New method of preserving fur and garment sheep pelts. Kozh.obuv.-  
prom. 4 no.ll:30-32 N '62. (Mira 15:11)  
(Hides and skins)

KUZNETSOV, Boris Aleksandrovich, doktor biol. nauk, prof.; GAYEVOY,  
~~Vygeniy Vasil'yevich~~, kand. sel'khoz. nauk; ~~FEDOV~~, . . . ,  
red.; GONOMOVA, L.A., tekhn. red.

[Leather raw materials; fundamentals of the commercial study  
of materials, evaluation of quality, and primary processing]  
Kozhevennoe syr'e; osnovy tovarovedeniia, otsenka kachestva  
i pervichnaia obrabotka. Moskva, Zagotizdat, 1963. 241 p.  
(MIRA 16:9)

(Hides and skins) (Leather industry)

GAYEVOY, Ye.V., kand. sel'sko-khozyaystvennykh nauk; DINARIYEVA, G.P.,  
mladshiy nauchnyy sotrudnik

Use of aluminum salts for the preservation of fur sheepskins.  
Trudy VNIIMP no.13:26-38 '62.

Using the acid treatment method for the preparation of soft  
gelatin-yielding materials for gelatin production. Ibid.:39-51  
(MIRA 17:5)

GAYEOY, Ye.V., kand. sel'skokhoz. nauk; DINARILYFVA, G.P., mladshiy nauchnyy sotrudnik; TRUDOLYUBOVA, G.B., mladshiy nauchnyy sotrudnik; RADKEVICH, D.P., mladshiy nauchnyy sotrudnik; ERYUZGINA, G.A., mladshiy nauchnyy sotrudnik

Efficiency of the use of formaldehyde compounds for the conservation of fur and coat sheepskins during long storage of the raw materials. Trudy VNIIMP no.15:43-55 '63.  
(MIRA 17:5)

GAYEVOY, Ye.V., kand. sel'skokhoz. nauk; PANYUKIN, I.I., kand. tekhn. nauk; MASHKOV, A.N., kand. sel'skokhoz. nauk; DINARIYEVA, G.P., mladshiy nauchnyy sotrudnik; KAPKOV, R.K., inzh.

Development of the methodology for the processing of fur sheepskins preserved with formaldehyde hyposulfite compounds. Trudy VNIIMP no.15:56-66 '63. (MIRA 17:5)

GAYEOV, Ye.V., kand. sel'skokhoz. nauk; VASSERMAN, B.A., inzhener-tehnolog; RADKEVICH, D.P., starshiy inzhener; TRUDOLYUBOVA, G.B., mladshiy nauchnyy sotrudnik; BRYUZGINA, G.A., mladshiy nauchnyy sotrudnik; GEGUZINA, I.Yu., mladshiy nauchnyy sotrudnik; BLYANSKAYA, N.V., tekhnik

New method for the conservation treatment of raw leather  
in a mobile apparatus. Trudy VNIIMP no.15:67-78 '63.

(MIRA 17:5)

GAYEVСY, Yevgeniy Vasil'yevich; SINITSYN, Konstantin Dmitriyevich;  
ASLANOV, V.G., retsenzent; GORLOVOY, D.V., retsenzent;  
TSIFERSON, A.L., red.

[Technology of leather and fur raw materials] Tekhnolo-  
giia kozhevennogo i mekhovogo syr'ia. Moskva, Pishche-  
vaiia promyshlennost', 1964. 459 p. (MIRA 18:3)

ACC NR: AT7003861 (A) SOURCE CODE: UR/3241/65/002/000/0123/0131

AUTHOR: Gayevoy, Ye. V.; Ochakovskiy, V. S.; Tarasova, G. T.; Izmest'yeva, P. Ya.

ORG: none

TITLE: The Meat Industry continuous flow line for acid-salt preservation of rabbit pelts by dry brine

SOURCE: Krasnodar. Nauchno-issledovatel'skiy institut pishchevoy promyshlennosti. Trudy, v. 2, 1965, 123-131

TOPIC TAGS: processed animal product, food technology, food product machinery

ABSTRACT: Together with specialists of the food industry, the authors have developed a method for processing rabbit pelts with acid-salts on a production flow line. An acid and salt compound is used which permits a dry treatment of the pelts. The composition and application of the compound are described in detail. Illustrations in the original article show a DMK-1 centrifugal hammer-type crusher

Card 1/2

ACC NR: A 17003861

used for mixing the compound, and also other units of machinery of the production flow line. The authors conclude that this mechanized pelt preservation method should be widely used in all rabbit processing enterprises as it will improve the quality of the pelts, raise the production volume and improve the working conditions of those presently engaged in manual processing of rabbit pelts. The authors estimate that the introduction of the new production line in Kuban plants alone will save about 45000 rouble per year. Orig. art. has: 5 figures. [GC]

SUB CODE: 06, 13/SUBM DATE: none/ORIG REF: 011/

Card 2/2

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514520013-0

GONCHAREVSKAYA, T.S.; GAYEVSKAYA, A.A.; SALIVON, Ye.F.; SLYUSARENKO,  
I.T.; GORODETSKAYA, P.M.

Studies on various biochemical indices of BCG cultures under  
various cultivation conditions. Probl.tub. 38 no.4:88-93 '60.  
(MIRA 14:5)  
(MYCOBACTERIUM BOVIS)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000514520013-0"

1. GAYEVSKAYA, A.I.; STIKHIN, A.F.
2. USSR (600)
4. Cattle
7. Organizing stall care of cattle on the Stalin Collective Farm. A.I. Gaevskaia, A.F. Stikhin. Sots. zhiv. 15 no. 4, 1953.
9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

L 17150-65 EVP(e)/EPA(s)-2/ENT(m)/EPF(c)/ENG(s)-2/EVA(d)/EPR/EWP(j)/T/  
EWP(t)/EWP(b) - P<sub>c</sub>-4/P<sub>q</sub>-4/P<sub>r</sub>-4/P<sub>s</sub>-4/Pt-10/Pw-4 ESD(gs)/ESD(t) JD/RW/  
WB/RM/WH

ACCESSION NR: AR4049271

S/0081/64/000/015/K011/K011

SOURCE: Ref. zh. Khimiya, Abs. 15K73

B

AUTHOR: Jayevskaya, A. I.

TITLE: Anticorrosion shielding of glass fiber in hardening concrete. Report 1

CITED SOURCE: Tr. Kiyevsk. politekhn. in-ta, v. 43, 1963, 16-20

TOPIC TAGS: glass fiber, protective coating, concrete, corrosion prevention, reinforced concrete, polymer film

TRANSLATION: The author studied protective materials for the shielding of glass fiber against corrosion in hardening concrete mixed from portland cement, where the glass fiber is used in place of steel to reinforce the concrete. Chemical stability was determined for glass fiber treated with ethinol lacquer, commercial paraffin lubricants, polyethyl hydrosiloxane fluid GKZh-94 (TUEU 124-56), polysiloxane fluids No. 2, 3 and 4 (TUMMKhP 246-54), material AS-1 (composition: 309 parts of product DSS-1 by weight, 0.24 parts of 25% ammonia, balance in distilled water to complete 1000 parts) and PVE-3. It was established that ethinol lacquer and coating AS-1 were most effective among the polymer

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L 17150-65

ACCESSION NR: AR4049271

film coatings. A selective solution of 2.5% CuCl<sub>2</sub> also showed high protective qualities.

N. Popova

ASSOCIATION: none

SUB CODE: MT

ENCL: 00

Card 2/2

L 17149-65 EWP(e)/EPA(s)-2/ENT(m)/EPF(c)/ENG(s)-2/EWA(d)/EPR/EWP(j)/T/  
EWF(t)/EWP(b) Pe-4/Pq-4/Ps-4/Pt-10/Pw-4/Pr-4 ASD(m)-3/ESD(gs)/ESD(t)  
ACCESSION NR: AR4049272 JD/WW/WB/RM/WH S/0081/64/000/015/K011/K011

SOURCE: Ref. zh. Khimiya, Abs. 15K74

AUTHOR: Gayevskaya, A.I.

TITLE: Anticorrosion shielding of glass fiber in hardening concrete. Report 2

CITED SOURCE: Tr. Kiyevsk. politekhn. in-ta, v. 43, 1963, 21-25

TOPIC TAGS: glass fiber, concrete, protective coating, corrosion resistance, reinforced concrete

TRANSLATION: Glass fiber was treated with a selective solution to shield it against corrosion during the hardening of concrete, i.e. with a solution in which the effective cation radius was similar to that of the glass fiber cation modifier. The protective coating obtained in this manner covers each individual fiber completely and uniformly. The film produced is thin and very strong. Since the effective radius for  $\text{Na}^+$  = 0.98A, for  $\text{K}^+$  = 1.33A, for  $\text{Ca}^{2+}$  = 1.06A and for  $\text{Mg}^{2+}$  = 0.78A, the author selected copper chloride and cadmium chloride (effective radius of  $\text{Cu}^{2+}$  = 0.96A and  $\text{Cd}^{2+}$  = 1.03A) for the treatment of the glass fiber. Investigation indicated 1.5 and 3.0%, respectively, as the optimal concentrations of

Card 1/2

L 17149-65  
ACCESSION NR: AR4049272

O  
CuCl2 and CdCl2 for producing protective coatings on alkali-free glass fibers by means of the selective solution method. The best results on alkaline glass fiber were obtained with selective solutions having concentrations of 3.0% copper chloride or 2.5% cadmium chloride. N. Popova

ASSOCIATION: none

SUB CODE: MT

ENCL: 00

Card 2/2

SHUBEKO, P.Z.; NABUTOVSKIY, Z.A.; GAYEVSKAYA, G.D.

Press with a mixing chamber for the molding of power plant  
fuel. Trudy IGI 20:76-85 '63.  
(MIRA 17:8)

GAYEVSKAYA, G.N.

KONDRAT'YEV, K.Ya., dotsent; GAYEVSKAYA, G.N., student.

Moisture turbidity and the determination of the amount of water in  
the atmosphere. Nauch. zhurn. Len. un. no.32:7-8 '54. (MLBA 10:4)

1. Kafedra fiziki atmosfery.  
(Humidity)      (Atmospheric transparency)

GAYEVSKAYA G. N.

50-2-22/22

AUTHOR:

Gayevskaya, G. N.

TITLE:

Conference of Young Experts of the Main Geophysical Observatory imeni A. I. Vayeykov  
(Konferentsiya molodykh spetsialistov Glavnay geofizicheskoy  
observatorii im. A. I. Vayeykova)

PERIODICAL: Meteorologiya i Gidrologiya, 1958, Nr 2, pp. 61-61 (USSR)

ABSTRACT:

This conference took place from October 28<sup>th</sup> - 29<sup>th</sup>, 1957; assistants of the Leningrad University, of the Arctic Scientific Research Institute, of the All-Soviet Institute for Plant Breeding and others took part in it. Lectures were held by young scientists of the conference. A. S. Grigor'yeva's lecture on "the Horizontal Synchronizing Pulse in the Atmosphere" dealt with the computation of the atmospheric coefficient on various isobar surfaces with reference to the air current. L. P. Spirina's lecture dealt with the forecasts of the monthly temperature anomalies with reference to the inertia laws. N. A. Timofeyev reported on the calculations of snow melting. On the strength of the known laws by Prandtl and of the stage law by D. L. Laykhtman, a formula for the

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Conference of Young Experts of the Main Geophysical Observatory imeni A. I. Voevodskogo

50-2-22/22

computation of the heat-exchange between snow surface and atmosphere with reference to thermal layer formations was obtained and the computation nomographs were represented.

The lecture of Petrenchuk, O. P. "The Frontal Structure of Anticyclones" dealt in detail with the structure of mobile and steady anticyclones as well as with the structure of the troposphere above these. O. I. Golikova reported on the measurement of spectral coefficients of brightness on laboratory conditions.

Mrs. O. I. Golikova ("The Earth Radiation Meter with Wind Shield Filter") and B. I. Gulyayev ("Methods of Observation of the Plant-Physiological Radiation") reported on the development of new actinometric apparatus and the perfection of the existing devices. A method for the detection of the radiation balance according to certain measured values of the summary radiation was suggested by L. N. D'yachenko in his lecture "On the Connection between the Radiation balance and the Total Radiation".

R. L. Kagan reported on a better approximated solution of the equation of the light dispersion according to the method of

Card 2/3

Conference of Young Experts of the Main Geophysical Observatory imeni A. I. Vayeykov

50-2-22/22

Schwarzschild ((Schwartshill'd))

The lecture held by A. A. Kobyakova, on the application of electronic machines for the preliminary computations of the pressure field was very interesting. The audience was enabled to become acquainted with the works of the young experts of the geophysical main observatory which were written in the time from 1956 to 1957, as well as with a recording device which records the transparency of the atmospheric and was developed and constructed by V. I. Goryshin.

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"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000514520013-0

VALYAVSKAYA, G. N., KONDRAT'YEV, K. Ya., and YAKUSHEVSKAYA, K. Ye.

"The Radiative Flux Divergence and the Heat Regime in  
the Near-Ground Layer of the Atmosphere."

report submitted in connection with the Symposium on Radiation  
Vienna Austria, 14-19 Aug 1961

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9,610

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A001/A101

AUTHORS: Gayevskaya, G. N., Fedorova, M. P.

TITLE: The dependence of sensitivity of actinometric devices on temperature and pressure

SOURCE: Akademiya nauk SSSR. Iskusstvennyye sputniki Zemli, no. 14, 1962,  
81 - 85

TEXT: The purpose of the present investigation was to study the sensitivity of various actinometric devices to variation of temperature, pressure and wind conditions (with and without blow out). Actinometric devices investigated were actinometers, pyranometers and balance-meters. These devices, as radiation receivers, and a source of radiation, a projector, were placed inside of a thermal barometric chamber of 1 m<sup>3</sup> in volume. The range of temperatures was from +60 to -60°C and that of pressures from 760 to 10 mm Hg. Three different series of tests were carried out: 1) Temperature dependence was determined at a constant pressure; 2) pressure dependence was determined at a constant temperature of 16°C; 3) temperature and pressure were changed simultaneously in

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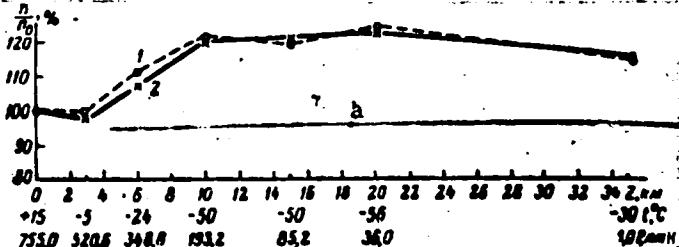
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The dependence of sensitivity of...

such a manner that their values would correspond to the following altitudes: 0, 3, 6, 10, 15, 20 and 35 km of device lifting at a standard atmosphere. The wind effect was investigated by comparing the records of the instruments without and with blow out at a flux speed of 12 m/sec. The results of measurements are shown in several graphs. One of them, Figure 7, shows the sensitivity of devices with simultaneous variation of pressure and temperature (simulated "lift" into the stratosphere). The curves show: a - actinometer; b - pyranometer; c - balance-meter; 1 - without blow out; 2 - with blow out. It can be seen that sensitivity of the instruments varies noticeably, especially as a result of temperature variation. There are 7 figures.

SUBMITTED: February 26, 1962

Figure 7.

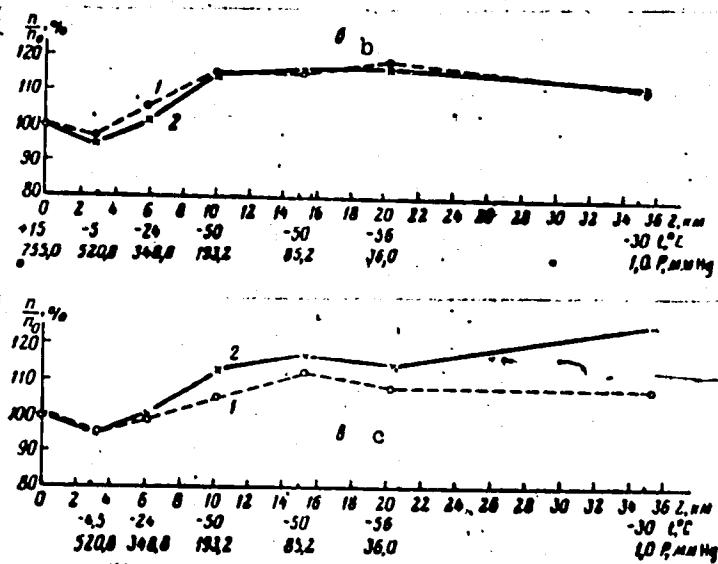


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The dependence of sensitivity of...

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Figure 7 (cont'd.)



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AUTHORS: Kondrat'yev, K. Ya., Gayevskaya, G. N., Nikol'skiy, G. A.

TITLE: The vertical profile of radiation balance and its components in  
the free atmosphere in day-time

SOURCE: Akademiya nauk SSSR. Iskusstvennyye sputniki Zemli. no. 14, 1962,  
86 - 94

TEXT: The authors describe a set of day-time measurements of radiation balance and its components and their studies of the structure and composition of the atmosphere (temperature, pressure, humidity, ozone content), troposphere and stratosphere. A special automatic equipment for lifting by a balloon was designed. This set of equipment makes it possible to perform continuously measurements and recording of summary, direct solar and reflected radiation, radiation balance and total ascending radiation flux, total ozone content, temperature, humidity and pressure of air, and temperature of actinometric and recording devices. Standard Yanishevskiy's pyranometers and balance-meters are used. The instruments are described and the method of recording the results is indicated. Two ascents were

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